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THE LATEST SCOOP

1980

FACTS AND FIGURES
ON ICE CREAM
AND RELATED
PRODUCTS

UNITED STATES • CANADA • INTERNATIONAL

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"The Latest Scoop" reports the production of ice cream and related products in the United States, Canada and fifty-seven other countries. The U. S. and Canadian data are compiled from reports released by their respective governments and contain a breakdown of hard frozen and soft serve production.

The preferences of consumers and the performance of ice cream in supermarkets are also highlighted.

This edition contains information on packaging and flavors extracted from "Frozen Dessert Facts," another publication of the International. Those wishing more of that detailed data can order this bulletin from the International. The cost to IAICM members is $1.00 per copy and to nonmembers, $5.00.

We hope this information will be of value to our member companies and to others interested in the frozen desserts industry.

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1979 REVIEW

* Total wholesale value of ice cream, ice milk, sherbet and water ices in 1979 was estimated to be $2.763 billion.

* The industry employs 19,000 persons with an annual payroll of more than $247 billion.

* California is the leading producer of frozen desserts, with a total production of 128.7 million gallons, followed by Pennsylvania with 95.3 million gallons and New York 80.2 million gallons. These three states account for 25% of the nation's total supply.

* In 1979, the month of August displaced June as the higest producing month for ice cream and related products, with December ranking as the lowest.

* Vanilla continues as the favorite flavor of ice cream, with chocolate second and neapolitan third. Vanilla is also the top flavor of ice milk, followed by chocolate and vanilla fudge. The three top flavors of sherbet are orange, rainbow and lime.

* Sixty-six percent of ice cream containers are half gallon packages, 98% of which are paper.

* Ninety-one percent of consumers use ice cream and 52% of them purchase only one brand.

* Frozen desserts utilized 21% of the total milk used for manufactured products, and 9.5% of the total milk supply.

The United States continues to consume more ice cream and related products than any other nation reported, with a per capita production in 1979 of 44.08 pints. Of this total, 29.48 pints is ice cream, which accounts for 67% of the total frozen desserts production.

Australia is the seond leading consumer of ice cream and related products, with a per capita production of 42.05 pints, a decline of 4% over 1978.

New Zealand, the third highest consumer of frozen desserts, had a per capita production of 37.30 pints, a 9% reduction from the year 1978.

Canada, after suffering a decline in 1978, reported an upswing in the production of frozen desserts, particularly ice cream. It ranks fourth with a per capita production of 30.85 pints.

Sweden, with a per capita production of 23.92 pints, is the fifth highest consumer of ice cream and related products.

Ice cream, an international delicacy, is consumed in all corners of the world. The Soviet Union indicated a 3% increase in production in 1979 of ice cream, with a per capita production of 2.4 pints. Yugoslavia in 1978 reported a 15% increase in ice cream production and a per capita production of 2.2 pints. Poland increased production 3% and reported a per capita production of 5 pints. The per capita production of all frozen desserts in Japan in 1979 was 11.46 pints, a decrease of 9%, because of a large decline in the production of water ices.

1979

Frozen desserts production amounted to 1,212,600 gallons in 1979, a per capita production of 22.04 quarts.

There was a decline in the production of all frozen desserts with ice cream showing only a minimal decrease of 0.53%. Ice milk production was down 4.3%. Much of this was in hard production which decreased 10% while soft serve declined only 1.6%. Sherbet production was down 6.2% while water ices, with the lowest output since 1958, decreased 5.64%. Mellorine continued its downward trend with a 4.25% decrease in production.

Ninety-nine percent of the ice cream production is hard frozen with the remainder soft serve. Of the total ice milk production, 29% is hard frozen with 71% soft serve. Twenty-five percent of this soft serve ice milk is produced in the East North Central States.

Ice cream continues to be the favored frozen product, accounting for 67% of the total production, followed by ice milk 25%, sherbet 3.7%, water ices 2.6%, and mellorine 1.3%.

	1979	% Change from 1978
All frozen products 1/	1,212,600,000 gals.	- 1.93
Per capita production	22.04 qts.	- 2.74
Ice cream (hard and soft)	811,079,000 gals.	- 0.53
Per capita production	14.74 qts.	- 1.40
Ice milk (hard and soft)	296,808,000 gals.	- 4.27
Per capita production	5.40 qts.	- 4.93
Sherbet (hard and soft	45,056,000 gals.	- 6.20
Per capita production	0.82 qts.	- 6.82
Water ices (hard) 2/	32,051,000 gals.	- 5.64
Per capita production	0.58 qts.	- 6.45
Mellorine (hard and soft)	15,572,000 gals.	- 4.25
Per capita production	0.28 qts.	- 5.08

1/ Includes a small amount of other frozen products.
2/ Excludes production of water ices by counter freezers.

- Selected Frozen Desserts -

ICE CREAM is a frozen food made from a mixture of dairy products, such as milk, cream and nonfat milk, combined with sugars, flavorings, fruits, nuts, etc. Ice cream which contains at least 1.4% egg yolks is called french ice cream or frozen custard. Ice cream and french ice cream contain a minimum of 10% milkfat and weigh not less than 4.5 pounds per gallon.

ICE MILK is a frozen dessert which is similar to ice cream except that it contains 2% to 7% milkfat.

SHERBET, both fruit sherbet and those flavored with flavors other than fruit, contains between 1% to 2% milkfat and weighs not less than 6 pounds per gallon.

WATER ICES, both fruit ices and those flavored with flavors other than fruit, contain no dairy ingredients and weigh not less than 6 pounds per gallon.

MELLORINE is a frozen dessert similar to ice milk in which the milkfat is replaced, in whole or in part, with vegetable fat and the minimum fat content is 6%.

	Calories	Protein g.	Carbohydrate g.	Fat g.	Vitamin A I.U.	Calcium mg.	Phosphorus mg.	Riboflavin mg.
Vanilla Ice Cream (10% fat)	130	2.3	15.3	6.9	261	84	64	.158
% U.S. RDA 2/		3.1%			5.2%	8.4%	6.4%	9.3%
Vanilla Ice Cream (16% fat)	151	1.8	13.8	10.2	388	65	50	.122
% U.S. RDA 2/		3.9%			7.8%	6.5%	5.0%	7.2%
Vanilla Ice Milk (4% fat)	90	2.5	14.2	2.8	104	85	63	.169
% U.S. RDA 2/		3.6%			2.1%	8.5%	6.3%	9.9%
Orange Sherbet (2% fat)	90	.72	19.5	1.3	61	34	24	.029
% U.S. RDA 2/		1.6%			1.2%	3.4%	2.4%	1.7%

1/ Values presented per 1/2 cup (approximately 4 fluid ounces). Source: Calculated from USDA Agricultural Handbook 8-I (November 1976) data.

2/ United States Recommended Daily Allowance.

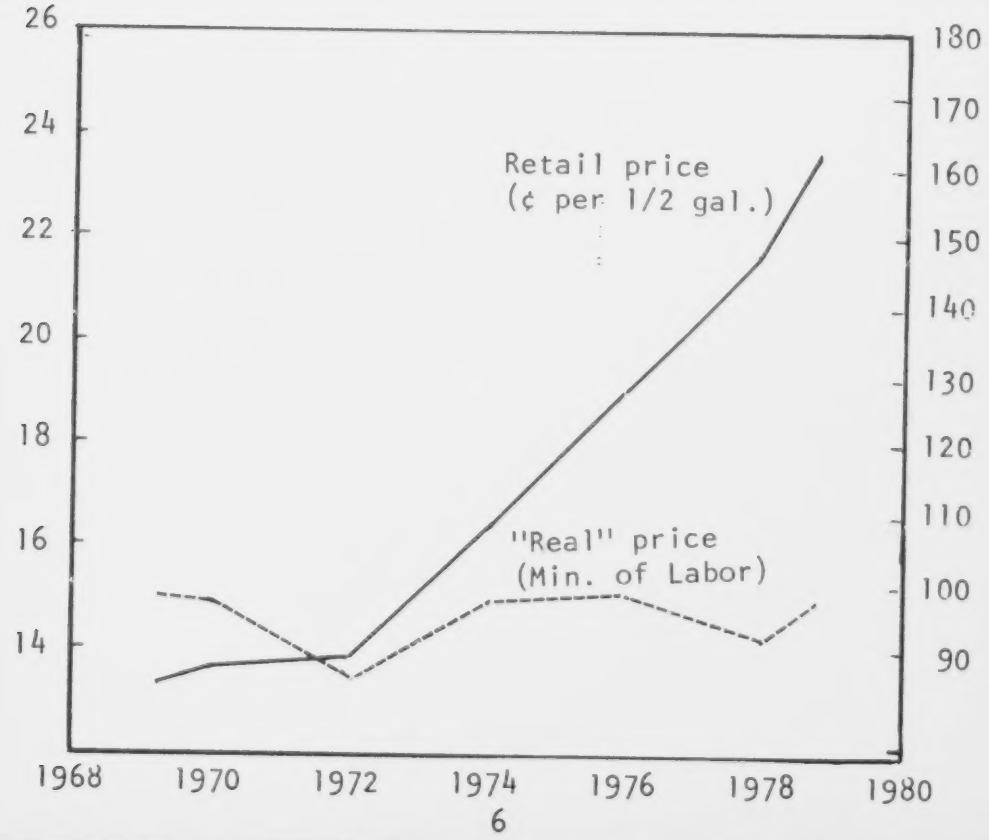
Year	All Employees 1/		Production Workers 1/		Wages 1/	Value of Shipments 2/
	Number	Payroll	Number	Manhours		
	Thousands	Million Dollars	Thousands	Millions	Million Dollars	Million Dollars
1947	46.7	119.3	29.3	52.8	66.1	802.0
1954	36.5	134.2	21.0	42.4	64.2	954.3
1958	34.8	153.9	18.7	37.7	72.4	1,137.7
1963	29.6	162.8	15.6	32.5	76.6	1,210.0
1967	24.6	156.4	13.8	27.2	77.2	1,273.6
1968	23.7	158.2	13.2	26.6	79.8	1,330.0
1969	22.7	159.2	12.6	25.4	80.6	1,334.8
1970	24.1	166.8	13.9	26.1	85.9	1,343.2
1971	22.6	173.5	12.8	25.1	87.7	1,389.0
1972	21.1	184.7	12.0	23.5	94.7	1,519.4
1973	21.3	195.9	12.1	24.1	100.0	1,639.5
1974	21.3	196.5	11.8	22.9	108.0	1,787.9
1975	20.2	208.5	11.1	22.0	116.4	2,012.9
1976	20.3	223.6	11.3	22.3	125.3	2,063.3
1977	19.1	247.0	11.3	22.7	130.1	2,228.7

1/ Data for plants with ice cream and other frozen desserts as the leading product group in value of shipments.

2/ Includes value of shipments of ice cream and other frozen desserts by plants classified in other industries, such as fluid milk.

SOURCE: Bureau of the Census, U. S. Department of Commerce.

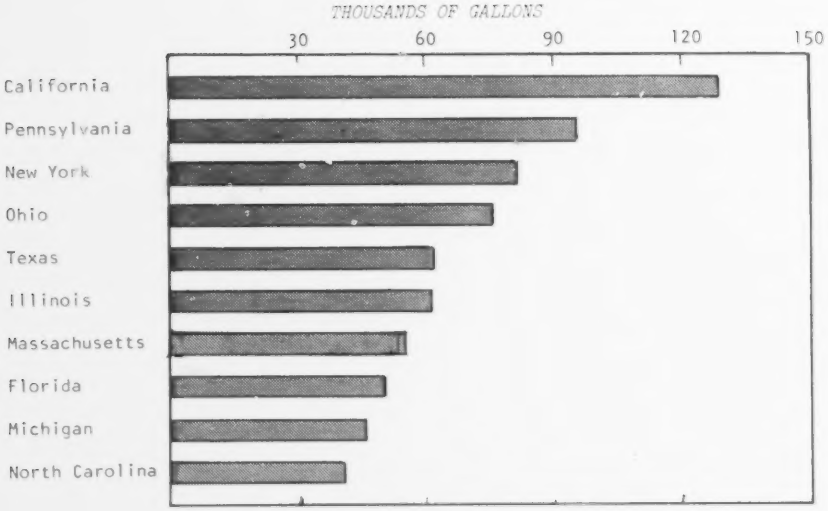
Year	Average Wages Production Workers $ per Hour	Average Retail Price of Ice Cream ¢ per ½ Gallon	Labor Required to Purchase Half-Gallon of Ice Cream Minutes
1969	3.19	81.3	15.3
1970	3.36	84.5	15.1
1971	3.57	85.4	14.4
1972	3.81	85.8	13.5
1973	4.08	91.0	13.4
1974	4.41	107.6	14.6
1975	4.81	122.3	15.3
1976	5.19	127.1	14.7
1977	5.63	135.2	14.4
1978	6.17	146.0	14.1
1979	6.69	163.3	14.6
% Change 1969-1979	+110%	+101%	- 5%



STATE & REGION	ICE CREAM	ICE 1/ MILK	SHERBET	WATER ICES	MELLORINE TYPE PRODUCTS	OTHER FROZEN DAIRY PRODUCTS	TOTAL FROZEN PRODUCTS
			(Thousand Gallons)				
NEW ENGLAND							
Maine	625	518	2/				1,143
New Hampshire	1,031	624	2/				1,655
Vermont	272	499					771
Massachusetts	42,463	10,454	1,829	2/		430	55,176
Rhode Island	1,401	540	45				1,986
Connecticut	22,362	2,988	891	514		820	27,575
MID ATLANTIC							
New York	61,903	10,015	2,541	1,692		4,010	80,161
New Jersey	5,747	3,040	194	161			9,142
Pennsylvania	73,746	15,570	2,785	2,220		999	95,320
E. N. CENTRAL							
Ohio	46,590	23,340	2,801	2,339			75,070
Indiana	24,312	7,032	1,686	2,533	144	671	36,378
Illinois	38,288	17,023	2,267	883	1,070	533	60,064
Michigan	33,068	11,547	1,496	2/			46,111
Wisconsin	18,084	7,067	996	1,653			27,800
W. N. CENTRAL							
Minnesota	32,523	5,122	1,507				39,152
Iowa	13,491	5,431	2/		1,761		20,683
Missouri	17,902	10,470	1,379	1,575		479	31,805
North Dakota	2,379	989	122	511			4,001
South Dakota	2/	528	2/				528
Nebraska	10,299	3,883	251				14,433
Kansas	6,340	4,926	455	187			11,908
SOUTH ATLANTIC							
Delaware	2/	2/	2/				2/
Maryland & D.C.	20,056	7,355	1,298	2,012			30,721
Virginia	7,822	4,401		113			12,336
West Virginia	2,252	2,186	149	2/			4,587
North Carolina	26,922	10,285	1,621	1,560			40,388
South Carolina	10,877	4,494	1,043				16,414
Georgia	5,976	6,866	386				13,228
Florida	32,553	15,406	1,754	1,227		138	51,078
SOUTH CENTRAL							
Kentucky	2/	3,500	2/				3,500
Tennessee	18,371	6,446	1,174	535		318	26,784
Alabama	12,464	7,609	720	545			21,338
Mississippi	4,747	3,128	367	257	519		9,018
Arkansas	4,301	3,030	251		413		7,995
Louisiana	8,326	4,215	536	188	2/	135	13,400
Oklahoma	8,716	3,940	393	205	375	287	13,916
Texas	38,751	11,676	2,749	1,819	6,913		61,908
MOUNTAIN							
Montana	1,794	1,300	81				3,175
Idaho	3,216	1,324	172				4,712
Wyoming	2/	2/	2/				2/
Colorado	9,066	5,083	562	382		116	15,209
New Mexico	3,151	1,338					4,489
Arizona	6,208	4,366	380				10,954
Utah	7,878	2,604	582	151			11,215
Nevada	1,088	963	2/				2,051
PACIFIC							
Washington	17,139	8,385	1,158	425		290	27,397
Oregon	8,594	4,396	488		230		13,708
California	89,111	28,417	5,187	3,214	2,725		128,654
Other States 3/	8,874	2,489	2,820	5,150	1,422	2,808	23,563
UNITED STATES	811,079	296,808	45,056	32,051	15,572	12,034	1,212,600

1/ Includes freezer-made milkshake.
2/ State data not shown when less than 3 plants reported or individual operations might be disclosed; included in "Other States" with Alaska and Hawaii.
3/ Includes varying states for each product.

Prepared by International Assn. of Ice Cream Mfrs. from data published by U. S. Department of Agriculture.

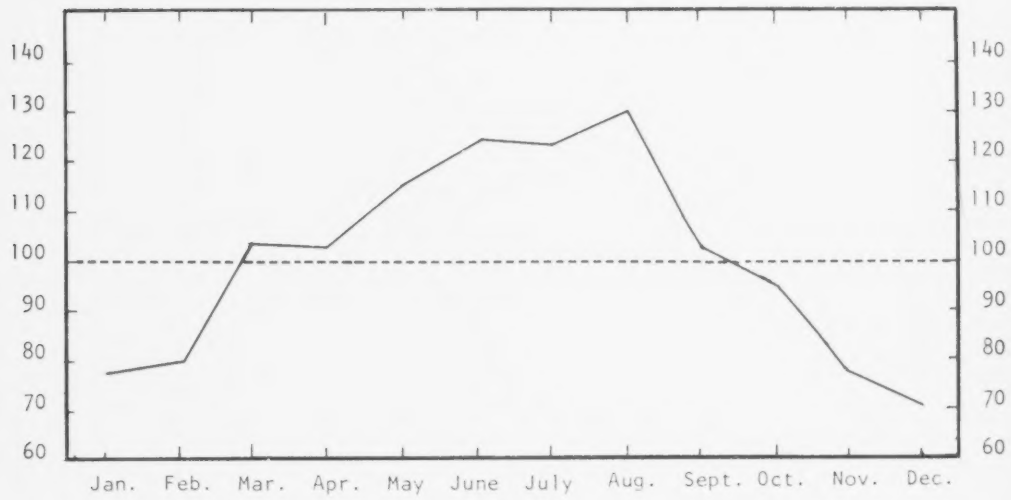


State	Ice Cream	Ice Milk	Sherbet	Water Ices	Mellorine Type Products	Total 1/
			(Thousand Gallons)			
California	89,111	28,417	5,187	3,214	2,725 2/	128,654
Pennsylania	73,746	15,570	2,785	2,220		95,320
New York	61,903	10,015	2,541	1,692		80,161
Ohio	46,590	23,340	2,801	2,339		75,070
Texas	38,751	11,676	2,749	1,819	6,913	61,908
Illinois	38,288	17,023	2,267	883	1,070	60,064
Massachusetts	42,463	10,454	1,829	3/		55,176
Florida	32,553	15,406	1,754	1,227		51,078
Michigan	33,068	11,547	1,496	3/		46,111
North Caroiina	26,922	10,285	1,621	1,560		40,388
TOTAL-10 STATES	483,395	153,733	25,030	14,954	10,708	693,930
PERCENT OF U. S. TOTAL	59.6%	51.8%	55.6%	46.7%	68.8%	57.2%

1/ Includes small amounts of other frozen products in addititon to those shown separately.
2/ Designated as "Imitation Ice Cream" or "Imitation Ice Milk" in California
3/ Data not shown when less than 3 plants reported or individual operations might be disclosed.

Prepared by International Association of Ice Cream Manufacturers from data published by U. S. Department of Agriculture.

(Monthly production as a percent of annual average)



Month	1978	1979
January	72.4	77.3
February	78.5	79.5
March	103.3	103.1
April	99.2	101.8
May	114.7	114.4
June	132.6	124.6
July	124.5	123.5
August	127.8	128.1
September	104.5	102.8
October	92.7	95.4
November	79.5	78.1
December	70.7	71.5

Year	Total	For Plants	Share of Total	For Equipment	Share of Total
	Million Dollars	Million Dollars	Percent	Million Dollars	Percent
1947	36.0	5.4	15.0	30.6	85.0
1954	25.7	4.2	16.3	21.5	83.7
1958	26.1	5.1	19.5	21.0	80.5
1963	31.9	8.1	25.4	23.8	74.6
1967	26.6	5.7	21.4	20.9	78.6
1968	22.1	2.8	12.7	19.3	87.3
1969	30.3	5.6	18.5	24.7	81.5
1970	43.7	15.8	36.2	27.9	63.8
1971	28.0	5.7	20.4	22.3	79.6
1972	35.8	7.5	20.9	29.3	79.1
1973	29.2	9.7	33.2	19.5	66.8
1974	27.8	6.2	22.3	21.6	77.7
1975	37.2	10.1	27.2	27.0	72.6
1976	43.2	11.9	27.5	31.3	72.5
1977	56.7	NA	NA	NA	NA

NA--Not available

SOURCE: Bureau of the Census, U. S. Department of Commerce.

YEAR	ALL PRODUCTS REPORTED		ICE CREAM		ICE MILK 2/		SHERBET		WATER ICES		OTHER FROZEN 3/ DAIRY PRODUCTS		MELLORINE-TYPE PRODUCTS	
	Total 1/ 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts
1859	4		4											
1869	24		24											
1879	144	0.01	144	0.01										
1889	851	0.06	851	0.06										
1899	5,021	0.27	5,021	0.27										
1909	29,637	1.31	29,637	1.31										
1919	152,982	5.86	152,982	5.86										
1920	171,248	6.43	171,248	6.43										
1930	255,439	8.30	255,439	8.30										
1940	339,544	10.29	318,088	9.64	10,457	0.32	8,089	0.24			2,910	0.09		
1950	634,768	16.79	554,351	14.66	36,870	0.98	17,018	0.45	18,299	0.48	8,230	0.22		
1955	819,934	19.96	628,525	15.30	90,185	2.20	37,365	0.91	28,158	0.69	3,440	0.08	32,261	0.78
1960	969,004	21.54	699,605	15.55	145,177	3.23	40,734	0.91	33,361	0.74	4,913	0.11	45,214	1.00
1965	1,130,215	23.36	757,000	15.65	230,992	4.77	45,449	0.94	37,119	0.77	6,486	0.13	53,169	1.10
1970	1,193,144	23.42	761,732	14.95	286,663	5.63	48,887	0.96	37,265	0.73	6,719	0.13	51,878	1.02
1975	1,263,213	23.70	836,552	15.69	298,789	5.61	48,542	0.91	38,230	0.72	11,062	0.21	30,038	0.56
1976	1,225,903	22.84	818,241	15.25	286,176	5.33	49,589	0.92	38,001	0.71	10,612	0.20	23,284	0.43
1977	1,235,585	22.84	809,849	14.97	307,949	5.69	49,783	0.92	37,264	0.69	11,945	0.22	18,795	0.35
1978	1,236,522	22.66	815,360	14.95	310,063	5.69	48,034	0.88	33,965	0.62	12,836	0.24	16,264	0.29
1979	1,212,600	22.04	811,079	14.74	296,808	5.40	45,056	0.82	32,051	0.58	12,034	0.22	15,572	0.28

1/ Data from 1859 to 1919 indicate only the estimated trend of production.

2/ Includes freezer-made milkshake beginning 1954.

3/ For 1940-1953 includes frozen custard and frosted or frozen malted milk.

Prepared by the International Association of Ice Cream Manufacturers from data published by the U. S. Department of Agriculture.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						(Thousand Gallons)							
						ALL FROZEN PRODUCTS 1/							
1977	73,030	80,464	109,878	106,532	116,721	135,232	129,857	131,266	108,732	88,426	80,370	75,077	1,235,585
1978	74,586	80,926	106,458	102,187	118,173	136,662	128,336	131,691	107,647	95,555	81,462	72,839	1,236,522
1979	78,081	80,333	104,192	102,865	115,557	125,924	124,782	129,419	103,847	96,370	78,948	72,282	1,212,600
						ICE CREAM							
1977	51,372	55,846	73,644	68,272	71,226	83,928	79,329	83,710	72,202	60,085	56,741	53,494	809,849
1978	52,973	56,804	70,965	65,205	73,643	85,321	79,535	84,224	71,847	65,276	57,387	52,180	815,360
1979	55,244	56,154	69,753	67,515	73,510	80,203	79,771	84,110	70,089	66,972	55,873	51,885	811,079
						ICE MILK 2/							
1977	15,752	17,755	25,765	27,381	32,087	35,424	36,156	34,215	27,419	21,850	17,952	16,193	307,949
1978	15,589	17,779	25,709	26,516	32,498	36,385	35,370	35,267	27,234	23,279	18,569	15,868	310,063
1979	16,940	17,742	25,541	25,568	30,591	32,710	32,571	33,334	25,757	22,588	17,770	15,696	296,808
						SHERBET							
1977	2,887	2,824	4,220	4,189	4,868	5,900	5,675	5,696	4,255	3,199	2,942	3,128	49,783
1978	2,947	2,705	4,044	4,047	4,745	6,017	5,286	5,151	4,005	3,504	2,881	2,702	48,034
1979	2,950	2,569	3,638	3,960	4,420	5,112	5,069	4,980	3,707	3,285	2,705	2,661	45,056
						WATER ICES							
1977	1,336	2,028	3,362	3,848	5,175	6,185	5,337	4,209	2,308	1,446	1,118	912	37,264
1978	1,516	1,862	3,061	3,503	3,965	5,200	4,814	4,059	2,287	1,550	1,183	965	33,965
1979	1,395	1,974	2,763	3,128	4,086	4,730	4,414	4,000	1,995	1,613	1,105	848	32,051
						MELLORINE TYPE PRODUCTS							
1977	1,214	1,426	1,826	1,625	1,802	2,079	1,838	1,944	1,619	1,289	1,156	977	18,795
1978	1,009	1,062	1,547	1,577	1,664	1,835	1,626	1,654	1,366	1,251	916	757	16,264
1979	960	1,157	1,417	1,397	1,561	1,663	1,607	1,628	1,286	1,190	973	733	15,572

1/ Includes small amounts of other frozen products in addition to those shown separately.
2/ Includes freezer-made milkshake.

Prepared by the International Association of Ice Cream Manufacturers from data published by U. S. Department of Agriculture.

REGION	ICE CREAM	ICE 1/ MILK	SHERBET	WATER ICES	MELLORINE TYPE PRODUCTS	OTHER FROZEN DAIRY PRODUCTS	TOTAL FROZEN PRODUCTS
			(Thousand Gallons)				
New England	68,154	15,587	2,868	514	--	1,250	88,373
Mid Atlantic	141,396	28,661	5,520	4,073	--	5,009	184,659
E. N. Central	160,342	66,009	9,246	7,408	1,333	1,204	245,542
W. N. Central	83,014	31,349	4,836	2,273	2,396	479	124,347
South Atlantic	106,480	51,289	6,743	4,912	111	138	169,673
South Central	100,826	43,544	6,541	3,549	8,073	740	163,273
Mountain	33,421	17,563	2,047	533	349	116	54,029
Pacific	114,844	41,199	6,833	3,639	2,955	290	169,760
UNITED STATES 2/	811,079	296,808	45,056	32,051	15,572	12,034	1,212,600

1/ Includes freezer-made milkshake.

2/ Includes Alaska and Hawaii and minimal amounts of water ices and other frozen dairy products not reported by region.

Prepared by International Association of Ice Cream Manufacturers from data released by U. S. Department of Agriculture.

STATE AND REGION	ICE CREAM MIX	ICE MILK 1/ MIX	SHERBET MIX	MELLORINE TYPE MIX	TOTAL MIX FOR FROZEN PRODUCTS
	(Thousand Gallons)				
Maine	308	220			528
New Hampshire	2/		2/		2/
Vermont	2/	2/			2/
Massachusetts	21,369	7,085	1,238		29,692
Rhode Island	681	187	31		899
Connecticut	11,145	1,850	613		13,608
	33,503	9,342	1,882		44,727
New York	33,972	6,901	1,809		42,682
New Jersey	2,793	1,778	115		4,686
Pennsylvania	37,827	7,741	1,845		47,413
	74,592	16,420	3,769		94,781
Ohio	23,617	15,313	1,995		40,925
Indiana	11,989	3,948	1,082		17,019
Illinois	19,675	12,422	1,493	829	34,419
Michigan	16,789	7,185	872		24,486
Wisconsin	9,370	3,629	516		13,515
	81,440	42,497	5,958	829	130,724
Minnesota	15,368	3,837	940		20,145
Iowa	6,841	3,627	2/	1,431	11,899
Missouri	8,618	5,404	861	124	15,007
North Dakota	1,191	461	80		1,732
South Dakota	644	625			1,269
Nebraska	5,152	2,300	158		7,610
Kansas	3,181	3,259	293		6,733
	40,995	19,513	2,332	1,555	64,395
Delaware	2/	2/	2/		2/
Maryland & D. C.	9,984		808		10,792
Virginia	4,499	5,977			10,476
West Virginia	1,152	1,089	85		2,326
North Carolina	13,617	6,666	1,065		21,348
South Carolina	5,710	1,903	649		8,262
Georgia	2,901	4,794	244		7,939
Florida	16,708	9,312	1,126		27,146
	54,571	29,741	3,977		88,289
Kentucky	2/	2,401	2/		2,401
Tennessee	9,360	3,183	741		13,284
Alabama	6,120	4,349	487		10,956
Mississippi	2,417	1,929	237		4,583
Arkansas	2,229	2,483	152	204	5,068
Louisiana	4,144	2,273	324	2/	6,741
Oklahoma	4,409	2,120	255	158	6,942
Texas	19,829	7,561	780	3,716	32,886
	48,508	26,299	3,976	4,078	82,861
Montana	892	823	51		1,766
Idaho	1,679	676	124		2,479
Wyoming	2/				2/
Colorado	4,613	3,278	360		8,251
New Mexico	1,574	678			2,252
Arizona	3,074	2,604	242		5,920
Utah	4,101	1,850	360		6,311
Nevada	586	637	2/		1,223
	16,519	10,546	1,137		28,202
Washington	8,679	5,441	748		14,868
Oregon	4,245	2,667	318	115	7,345
California	45,091	17,655	3,389	1,601	67,736
	58,015	25,763	4,455	1,716	89,949
Other States 2/	5,342	5,219	1,914	716	13,191
	413,485	185,340	29,400	8,894	637,119

1/ Includes milkshake mix.
2/ State data not shown when less than 3 plants or individual operations might be disclosed.

Prepared by International Association of Ice Cream Manufacturers from data published by U. S. Department of Agriculture.

Product & Year	New England	Mid Atlantic	E. N. Central	W. N. Central	South Atlantic	South Central	Mountain	Pacific	United States
				(Quarts)					
ICE CREAM									
1960	18.44	19.71	17.94	17.11	13.23	9.52	13.21	14.25	15.55
1965	20.06	18.74	18.19	18.00	13.40	9.57	12.88	14.89	15.65
1970	20.82	17.96	16.86	17.94	11.36	10.18	11.90	14.62	14.96
1975	24.70	16.28	17.47	19.29	12.60	11.98	11.20	16.04	15.71
1977	22.37	15.05	16.55	18.77	12.47	11.42	11.35	15.72	14.97
1978	22.35	15.06	16.44	18.75	12.62	11.33	11.06	15.75	14.95
1979	22.18	15.41	15.53	19.40	12.18	11.03	12.53	15.08	14.74
ICE MILK									
1960	1.50	0.86	2.61	5.42	3.97	3.61	4.92	5.48	3.23
1965	2.10	2.01	4.50	6.59	6.52	5.54	5.47	6.21	4.77
1970	3.65	3.32	5.89	8.24	6.66	5.50	6.56	6.55	5.63
1975	5.34	3.40	6.51	7.73	5.99	5.26	5.29	6.05	5.61
1977	4.56	3.56	6.59	7.47	6.12	5.22	6.28	6.25	5.69
1978	5.32	3.42	6.65	7.54	6.18	5.01	6.37	5.89	5.68
1979	5.07	3.12	6.40	7.32	5.87	4.76	6.58	5.41	5.40
TOTAL FROZEN PRODUCTS 1/									
1960	21.76	22.34	22.91	24.98	18.97	18.19	20.01	23.96	21.54
1965	24.38	22.64	24.81	27.11	21.78	20.66	20.56	26.08	23.36
1970	26.55	23.06	25.06	28.46	19.48	20.48	20.06	25.64	23.43
1975	31.56	21.19	26.02	28.47	20.38	20.83	17.63	24.98	23.72
1977	28.58	20.31	25.17	27.65	20.23	19.28	18.80	24.23	22.84
1978	29.59	20.29	25.02	27.87	20.20	18.59	18.43	23.77	22.66
1979	28.76	20.12	23.79	29.06	19.40	17.86	20.25	22.29	22.04

1/ Includes ice cream, ice milk, sherbet, mellorine-type products, water ices and other frozen dairy products.

Prepared by the International Association of Ice Cream Manufacturers from production data published by the U. S. Department of Agriculture and population estimates from Bureau ofthe Census, U. S. Department of Commerce.

Year	Ice Cream Including Counter Freezers	Ice Cream Excluding Counter Freezers	Ice Milk	Sherbet	Water Ices	Mellorine Type Products
1960	16,591	-	23,843	5,067	2,376	1,242
1961	15,872	-	27,607	4,636	2,398	1,221
1962	14,541	-	30,919	3,764	2,353	1,364
1963	13,915	2,476	33,229	3,625	2,650	1,253
1964	13,106	-	34,485	3,395	2,691	1,313
1965	12,584	-	35,181	3,452	2,852	1,280
1966	12,063	-	36,158	3,580	2,682	1,308
1967	11,452	-	37,312	3,191	2,773	1,363
1968	11,228	1,873	39,474	3,108	2,654	1,792
1969	1/	1,739	1,160 2/	1,176 2/	1/	199 2/
1970		1,628	1,088	1,122 2/	377	203
1971		1,520	1,008	1,065	335	177
1972		1,451	984	1,022	363	180
1973		1,330	902	976	321	154
1974		1,239	824	904	299	146
1975		1,167	746	850	281	124
1976		1,124	718	812	281	119
1977		1,095	702	782	273	110
1978		1,062	670	744	263	101
1979		990	604	690	234	89

1/ Not available.
2/ After 1968, number of plants producing hard product. Number of counter freezers not available.

Prepared by the International Association of Ice Cream Manufacturers from data published by the U. S. Department of Agriculture.

Region	Total Four Products 1/		Ice Cream		Ice Milk 2/		Sherbet		Mellorine	
	Hard	Soft	Hard	Soft	Hard	Soft	Hard	Soft	Hard	Soft
					(Percent)					
New England	84	16	96	4	31	69	100	-	-	-
Mid Atlantic	80	20	89	11	34	66	95	5	-	-
E. N. Central	76	24	99	1	19	81	98	2	14	86
W. N. Central	82	18	100	-	33	67	100	-	62	38
South Atlantic	78	22	98	2	35	65	99	1	-	100
South Central	80	20	99	1	33	67	97	3	79	21
Mountain	74	26	99	1	24	76	99	1	79	21
Pacific	82	18	99	1	29	71	99	1	100	-
UNITED STATES	79	21	99	1	29	71	98	2	75	25

Region	Percent of Hard Production Sold As --				Percent of Soft Production Sold As --			
	Ice Cream	Ice Milk	Sherbet	Mellorine	Ice Cream	Ice Milk	Sherbet	Mellorine
New England	89	7	4	-	22	78	-	-
Mid Atlantic	89	7	4	-	45	54	1	-
E. N. Central	88	7	5	-	4	94	-	2
W. N. Central	84	10	5	1	1	95	-	4
South Atlantic	81	14	5	-	7	92	-	1
South Central	79	11	5	5	2	92	1	5
Mountain	83	11	5	1	3	96	-	1
Pacific	84	9	5	2	2	98	-	-
UNITED STATES	85	9	5	1	10	88	-	2

1/ Includes ice cream, ice milk, sherbet and mellorine type products.
2/ Includes freezer-made milkshake.

Prepared by International Association of Ice Cream Manufacturers from data released by the U. S. Department of Agriculture.

YEAR	TOTAL FOUR PRODUCTS 2/		ICE CREAM		ICE MILK		SHERBET		MELLORINE-TYPE PRODUCTS	
	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts
1955	729,578	17.75	612,812	14.92	52,217	1.27	34,675	0.84	29,874	0.72
1960	838,990	18.65	678,383	15.08	80,073	1.78	37,931	0.84	42,603	0.95
1965	962,267	19.89	741,024	15.32	126,146	2.60	44,954	0.93	50,143	1.04
1970	959,399	18.85	736,741	14.47	134,240	2.64	47,643	0.94	40,775	0.80
1975	989,823	18.58	803,494	15.09	116,609	2.19	45,996	0.86	23,724	0.44
1977	950,370	17.56	784,093	14.49	101,386	1.87	48,000	0.89	16,891	0.31
1978	948,245	17.37	792,096	14.52	96,108	1.76	46,102	0.84	13,939	0.25
1979	928,067	16.86	785,949	14.28	86,289	1.57	44,220	0.80	11,609	0.21

1/ Breakdown between hard frozen and soft serve production not available prior to 1955.
2/ Includes ice cream, ice milk, sherbet and mellorine type products.

Prepared by the International Association of Ice Cream Manufacturers from data released by the U. S. Department of Agriculture.

REGION	ICE CREAM	ICE MILK	SHERBET	MELLORINE TYPE PRODUCTS	TOTAL FOUR PRODUCTS 1/
			(Thousand Gallons)		
New England	65,162	4,828	2,868	-	72,858
Mid Atlantic	125,737	9,835	5,231	-	140,803
E. N. Central	158,303	12,774	9,066	192	180,335
W. N. Central	82,829	10,236	4,831	1,478	99,374
South Atlantic	103,880	17,700	6,662	-	128,242
South Central	100,290	14,394	6,329	6,352	127,365
Mountain	32,999	4,260	2,035	277	39,571
Pacific	114,147	12,150	6,776	2,955	136,028
UNITED STATES 2/	785,949	86,289	44,220	11,609	928,067

1/ Includes ice cream, ice milk, sherbet and mellorine type products.
2/ Includes Alaska and Hawaii.

Prepared by International Association of Ice Cream Manufacturers from data released by U. S. Department of Agriculture.

Product & Year	New England	Mid Atlantic	E. N. Central	W. N. Central	South Atlantic	South Central	Mountain	Pacific	United States
				(Quarts)					
ICE CREAM									
1960	18.04	17.97	17.65	17.08	12.94	9.47	13.16	14.22	15.08
1965	19.95	17.45	17.97	17.96	13.27	9.50	12.83	14.87	15.32
1970	19.81	16.43	16.63	17.82	11.17	9.96	11.81	14.41	14.47
1975	24.43	14.53	16.93	17.99	12.34	11.74	11.16	15.96	15.09
1977	22.15	13.37	16.20	18.62	12.17	11.26	11.05	15.65	14.49
1978	21.63	13.56	16.22	18.63	12.32	11.19	10.98	15.73	14.52
1979	21.21	13.70	15.33	19.36	11.88	10.97	12.37	14.99	14.28
ICE MILK									
1960	0.50	0.33	0.97	2.72	2.81	2.25	2.15	3.50	1.78
1965	0.66	0.96	1.88	3.26	4.73	3.75	2.20	2.89	2.60
1970	0.99	1.51	2.24	3.95	4.16	3.35	1.96	2.39	2.64
1975	2.34	1.46	1.89	3.14	2.64	2.64	1.78	1.94	2.19
1977	2.24	1.20	1.52	2.52	2.54	2.06	1.69	1.81	1.87
1978	1.82	1.26	1.45	2.26	2.45	1.85	1.70	1.67	1.76
1979	1.57	1.07	1.24	2.39	2.03	1.57	1.60	1.60	1.57
SHERBET									
1960	0.95	0.58	0.97	0.79	0.79	0.76	0.90	1.21	0.84
1965	1.20	0.72	1.02	0.83	0.88	0.89	0.89	1.18	0.93
1970	1.22	0.69	1.07	0.90	0.65	0.87	0.89	1.17	0.94
1975	1.04	0.61	0.97	0.99	0.81	0.81	0.72	1.07	0.86
1977	1.11	0.57	1.00	0.99	0.81	0.84	0.75	1.05	0.89
1978	0.98	0.60	0.91	1.00	0.81	0.78	0.72	0.96	0.84
1979	0.93	0.57	0.88	1.13	0.76	0.69	0.76	0.89	0.80
MELLORINE									
1960	-	-	0.31	1.01	0.03	3.24	0.36	2.25	0.95
1965	-	-	0.20	0.78	0.02	3.49	0.74	2.85	1.04
1970	-	-	0.16	0.41	-	2.51	0.43	2.22	0.80
1975	-	-	0.05	0.15	-	1.51	0.23	1.08	0.44
1977	-	-	0.03	0.13	-	1.07	0.16	0.63	0.31
1978	-	-	0.02	0.36	-	0.86	-	0.51	0.25
1979	-	-	0.02	0.35	-	0.69	0.10	0.39	0.21

Prepared by the International Association of Ice Cream Manufacturers from data released by the U. S. Department of Agriculture and population estimates from Bureau of the Census, U. S. Department of Commerce.

(Hard Frozen)

Size	% of Total
Pints	3.3
Quarts	3.0
1/2 Gallons	66.4
Bulk 2/	16.1
Others 2/	11.2
	100.0%

(Hard Frozen)

Size	Paper %	Plastic %
Pints	91	9
Quarts	69	31
1/2 Gallons	98	2
Bulk	93	7

(Hard Frozen)

Size	Rectangular %	Round %
Pints	7	93
Quarts	3	97
1/2 Gallons	80	20
Bulk	7	93

1/ Additional information available in "Frozen Dessert Facts" published by International Association of Ice Cream Manufacturers, based on 1978 production.

2/ Includes some gallons and larger units.

(Hard Frozen)

1.	Vanilla	35.1%
2.	Chocolate	12.4
3.	Neapolitan	7.4
4.	Chocolate Chip	5.9
5.	Strawberry	5.6
6.	Vanilla Fudge	4.2
7.	Butter Pecan	2.7
8.	Cherry	2.5
9.	Butter Almond	1.6
10.	French Vanilla	1.4
	Others	21.2
		100.0%

(Hard Frozen)

1.	Vanilla	49.2%
2.	Chocolate	11.0
3.	Vanilla Fudge	7.2
4.	Neapolitan	6.1
5.	Strawberry	4.0
	Others	22.5
		100.0%

(Hard Frozen)

1.	Orange	32.6%
2.	Rainbow	22.0
3.	Lime	13.4
4.	Raspberry	11.5
5.	Pineapple	10.7
	Others	9.8
		100.0%

1/ Additional information available in "Frozen Dessert Facts" published by International Association of Ice Cream Manufacturers, based on 1978 production.

Product Category	Percent Using	Exclusive One Brand User
	%	%
DAIRY PRODUCTS:		
Ice Cream, Ice Milk & Sherbet	91.2	51.9
Cottage Cheese	71.7	67.6
Dips, Ready-to-serve	44.0	66.6
Yogurts	33.9	58.6
OTHER FOOD PRODUCTS:		
Cookies	81.7	33.4
Gelatin Desserts, Flavored	78.4	68.0
Colas, Carbonated Drinks	76.4	28.7
Potato Chips	69.4	51.3
Topping, Whipped	67.3	53.7
Puddings, Instant, Powdered	66.9	54.7
Pies, Cakes, Pastries, Frozen	50.0	29.3
Candy Bars	40.3	19.8
Pretzels	34.8	78.7
Donuts, Frozen	21.4	79.3
Average, Selected Dairy Products	60.2	61.2
Average, 194 Grocery Products	54.1	59.2

Source: Progressive Grocer, 1979 Guide to Product Usage.

Product	Wholesale Value (Dollars)
Ice Cream	2,020,000,000
Ice Milk	587,000,000
Sherbet	98,000,000
Water Ices	25,000,000

1/ Estimated by the International Association of Ice Cream Manufacturers.

Product & Year	New England	Mid Atlantic	E. N. Central	W. N. Central	South Atlantic	South Central	Mountain	Pacific	United States
				(Percent)					
ICE CREAM									
1960	93	95	89	79	78	60	79	67	81
1965	92	91	85	79	70	54	77	68	77
1970	90	88	83	77	70	60	78	71	77
1975	88	87	85	81	78	70	80	80	81
1977	87	88	87	84	79	74	81	82	82
1978	89	88	87	85	79	76	82	83	84
1979	89	89	88	84	81	79	83	84	85
ICE MILK									
1960	2	2	5	12	17	14	13	16	10
1965	3	5	9	14	25	21	13	13	13
1970	4	8	11	17	26	20	13	12	14
1975	8	9	10	14	17	16	13	10	12
1977	9	8	8	11	16	14	12	9	11
1978	7	8	8	10	16	13	13	9	10
1979	7	7	7	10	14	11	11	9	9
SHERBET									
1960	5	3	5	4	5	5	6	6	4
1965	5	4	5	4	5	5	5	6	5
1970	6	4	5	4	4	5	6	6	5
1975	4	4	5	4	5	5	5	5	5
1977	4	4	5	4	5	5	6	6	5
1978	4	4	5	5	5	5	5	5	5
1979	4	4	5	5	5	5	5	5	5
MELLORINE									
1960	-	-	1	5	-	21	2	11	5
1965	-	-	1	3	-	20	5	13	5
1970	-	-	1	2	-	15	3	11	4
1975	-	-	-	1	-	9	2	5	2
1977	-	-	-	1	-	7	1	3	2
1978	-	-	-	-	-	6	-	3	1
1979	-	-	-	1	-	5	1	2	1

Prepared by the International Association of Ice Cream Manufacturers from data released by the U. S. Department of Agriculture.

YEAR	TOTAL FOUR PRODUCTS 2/		ICE CREAM		ICE MILK		SHERBET		MELLORINE-TYPE PRODUCTS	
	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts	Total 1,000 Gallons	Per Capita Quarts
1955	58,758	1.44	15,713	0.38	37,968	0.93	2,690	0.07	2,387	0.06
1960	91,740	2.04	21,222	0.47	65,104	1.45	2,803	0.06	2,611	0.06
1965	124,343	2.57	15,976	0.33	104,846	2.17	495	0.01	3,026	0.06
1970	189,761	3.72	24,991	0.49	152,423	2.99	1,244	0.02	11,103	0.22
1975	224,098	4.21	33,058	0.62	182,180	3.42	2,546	0.05	6,314	0.12
1977	236,006	4.37	25,756	0.48	206,563	3.82	1,783	0.03	1,904	0.04
1978	241,476	4.43	23,264	0.43	213,955	3.92	1,932	0.04	2,325	0.04
1979	240,448	4.38	25,130	0.46	210,519	3.83	836	0.02	3,963	0.07

1/ Breakdown between hard frozen and soft serve production not available prior to 1955.
2/ Includes ice cream, ice milk, sherbet and mellorine-type products.

Prepared by the International Association of Ice Cream Manufacturers from data released by the U. S. Department of Agriculture.

REGION	ICE CREAM	ICE MILK	SHERBET	MELLORINE TYPE PRODUCTS	TOTAL FOUR PRODUCTS 1/
	(Thousand Gallons)				
New England	2,992	10,759	-	-	13,751
Mid Atlantic	15,659	18,826	289	-	34,774
E. N. Central	2,039	53,235	180	1,141	56,595
W. N. Central	185	21,113	5	918	22,221
South Atlantic	2,600	33,589	81	111	36,381
South Central	536	29,150	212	1,721	31,619
Mountain	422	13,303	12	72	13,809
Pacific	697	29,049	57	-	29,803
UNITED STATES	25,130	210,519	836	3,963	240,448

1/ Includes ice cream, ice milk, sherbet and mellorine type products.
2/ Includes Aslaska and Hawaii.

Prepared by International Association of Ice Cream Manufacturers from data released by U. S. Department of Agriculture.

Product & Year	New England	Mid Atlantic	E. N. Central	W. N. Central	South Atlantic	South Central	Mountain	Pacific	United States
				(Quarts)					
ICE CREAM									
1960	0.40	1.74	0.29	0.03	0.29	0.05	0.05	0.03	0.47
1965	0.11	1.29	0.22	0.04	0.13	0.07	0.05	0.02	0.33
1970	1.01	1.53	0.23	0.12	0.19	0.22	0.09	0.21	0.49
1975	0.27	1.75	0.54	1.30	0.26	0.24	0.04	0.08	0.62
1977	0.22	1.68	0.35	0.15	0.30	0.16	0.30	0.07	0.48
1978	0.72	1.50	0.22	0.12	0.30	0.14	0.08	0.02	0.43
1979	0.97	1.71	0.20	0.04	0.30	0.06	0.16	0.09	0.46
ICE MILK									
1960	1.00	0.53	1.64	2.70	1.16	1.36	2.77	1.98	1.45
1965	1.44	1.05	2.62	3.33	1.79	1.79	3.27	3.32	2.17
1970	2.66	1.81	3.65	4.29	2.50	2.15	4.60	4.16	2.99
1975	3.00	1.94	4.62	4.59	3.35	2.62	3.51	4.11	3.42
1977	2.32	2.36	5.07	4.95	3.58	3.16	4.59	4.44	3.82
1978	3.50	2.16	5.20	5.28	3.73	3.16	4.67	4.22	3.92
1979	3.50	2.05	5.16	4.93	3.84	3.19	4.98	3.81	3.83
SHERBET									
1960	-	0.03	0.27	0.01	0.01	0.01	-	-	0.06
1965	-	0.02	0.01	0.01	-	0.01	0.02	-	0.01
1970	0.02	0.01	0.04	0.08	0.0.	0.01	-	0.04	0.02
1975	-	0.03	0.05	0.07	0.08	0.02	-	0.08	0.05
1977	0.04	0.07	0.04	0.05	0.01	0.01	-	0.04	0.03
1978	0.08	0.05	0.03	0.08	-	0.01	-	0.07	0.04
1979	-	0.03	0.02	-	0.01	0.02	-	0.01	0.02
MELLORINE									
1960	-	-	-	-	-	0.36	-	-	0.06
1965	-	-	-	-	-	0.39	-	-	0.06
1970	-	-	0.29	0.16	-	0.85	-	-	0.22
1975	-	-	0.09	0.09	-	0.56	-	-	0.12
1977	-	-	0.07	0.05	-	0.09	-	-	0.04
1978	-	-	0.09	0.04	-	0.13	-	-	0.04
1979	-	-	0.11	0.21	0.01	0.19	0.03	-	0.07

Prepared by the International Association of Ice Cream Manufacturers from production data published by the U. S. Department of Agriculture and population estimates from Bureau of the Census, U. S. Department of Commerce.

Product & Year	New England	Mid Atlantic	E. N. Central	W. N. Central	South Atlantic	South Central	Mountain	Pacific	United States
				(Percent)					
ICE CREAM									
1960	29	76	13	1	20	3	2	2	23
1965	7	55	8	1	7	3	2	1	13
1970	27	46	6	3	7	7	2	5	13
1975	8	47	10	21	7	7	1	2	15
1977	9	41	6	3	8	5	6	2	11
1978	17	41	4	2	8	4	2	1	10
1979	22	45	4	1	7	2	3	2	10
ICE MILK									
1960	71	23	75	99	80	77	98	98	71
1965	93	44	92	99	93	79	98	99	84
1970	72	54	86	92	93	67	98	94	80
1975	92	52	87	76	91	76	99	96	81
1977	90	57	92	95	92	92	94	97	87
1978	81	58	94	96	92	92	98	97	88
1979	78	54	94	95	92	92	96	98	88
SHERBET									
1960	-	1	12	-	-	-	-	-	3
1965	-	1	-	-	-	1	-	-	1
1970	1	-	1	2	-	-	-	1	1
1975	-	1	1	1	2	1	-	2	1
1977	1	2	1	1	-	-	-	1	1
1978	2	1	-	1	-	-	-	2	1
1979	-	1	-	-	-	1	-	-	-
MELLORINE									
1960	-	-	-	-	-	20	-	-	3
1965	-	-	-	-	-	17	-	-	2
1970	-	-	7	3	-	26	-	-	6
1975	-	-	2	2	-	16	-	-	3
1977	-	-	1	1	-	3	-	-	1
1978	-	-	2	1	-	4	-	-	1
1979	-	-	2	4	1	5	1	-	2

Prepared by the International Association of Ice Cream Manufacturers from data released by the U. S. Department of Agriculture.

1979

Ice cream production made a rapid comeback in Canada during 1979 following a sharp decline in 1978. The production of hard ice cream increased 10.75%. This was offset by a decline in soft production of 16.69%, for an increase in total production of 8.61%.

Ice milk production declined 19.86% with freezer made milkshakes decreasing 3.27%. Sherbet production gained 3.85% and water ices 8.13%. The production of all products for the year showed an increase of 6.62%.

Ice cream accounts for 87.3% of the total production, ice milk 3.6%, freezer made milkshake 4.2%, water ices 3.8% and sherbet 1.1%.

Manitoba continues to show the highest per capita production of ice cream with 19.04 liters. Per capita production of all frozen desserts in Canada was 14.61 liters.

July was the largest producing month for ice cream with 11.8% of the total production. January ranked as the lowest with 5.6% of the total.

	Production 1979 1/	% Change from 1978	Per Capica Production 1979	% Change from 1978
	(Liters) 2/	%	(Liters) 2/	%
Ice Cream - Hard	277,090,000	+10.75	11.99	+ 9.00
Ice Cream - Soft	17,700,000	-16.69	0.77	-17.20
Total Ice Cream	294,790,000	+ 8.61	12.76	+ 6.95
Ice Milk	12,147,000	-19.86	0.52	-22.39
Freezer-made Milkshake 3/	14,237,000	- 3.27	0.62	- 4.62
Water Ices	12,744,000	+ 8.13	0.55	+ 5.77
Sherbet	3,664,000	+ 3.85	0.16	+ 2.79
TOTAL ALL PRODUCTS	337,582,000	+ 6.62	14.61	+ 4.96

1/ Excludes production in Newfoundland and Prince Edward Island.
2/ One U. S. quart equivalent to .946 liter.
3/ Freezer-made milkshake derived by applying 40% overrun to milkshake mix.

Prepared by the International Association of Ice Cream Manufacturers from data released by Statistics Canada.

Province	Year	Production			Percent	
		Hard	Soft	Total	Hard	Soft
		(Thousand Liters) 1/				
Alberta	1977	26,464	4,577	31,041	85	15
	1978	25,682	4,680	30,362	85	15
	1979	29,794	3,556	33,350	89	11
British Columbia	1977	31,800	4,291	36,091	88	12
	1978	31,326	4,005	35,331	89	11
	1979	33,428	4,174	37,602	89	11
Manitoba	1977	17,057	1,815	18,872	90	10
	1978	16,798	2,041	18,839	89	11
	1979	17,810	1,758	19,568	91	9
New Brunswick	1977	8,739	320	9,059	96	4
	1978	8,016	387	8,403	95	5
	1979	7,809	397	8,206	95	5
Nova Scotia	1977	9,919	651	10,570	94	6
	1978	9,482	935	10,417	91	9
	1979	10,992	907	11,899	92	8
Ontario	1977	99,346	1,323	100,669	99	1
	1978	81,581	1,508	83,089	98	2
	1979	92,105	1,615	93,720	98	2
Quebec	1977	66,255	7,067	73,322	90	10
	1978	67,672	6,055	73,727	92	8
	1979	75,357	3,628	78,985	95	5
Saskatchewan	1977	10,057	1,492	11,549	87	13
	1978	9,626	1,635	11,261	85	15
	1979	9,795	1,665	11,460	85	15
CANADA 2/	1977	269,637	21,536	291,173	93	7
	1978	250,183	21,246	271,429	92	8
	1979	277,090	17,700	294,790	94	6

1/ One U. S. quart equivalent to .946 liter.
2/ Excludes production in Newfoundland and Prince Edward Island.

Prepared by the International Association of Ice Cream Manufacturers from data released by Statistics Canada.

This section includes data for 58 countries. In some countries, production is reported only by the larger manufacturers and no estimates are available for output by small establishments. In such instances, the computed production per capita is incomplete, but the reported figures indicate trends.

Country and Product	ANNUAL PRODUCTION In Reported Units	ANNUAL PRODUCTION Converted to U.S. Gallons	PER CAPITA PRODUCTION In Reported Units	PER CAPITA PRODUCTION Converted to U. S. Pints
	(Liters)		(Liters)	
Ice Cream	28,900,000	7,635,000	1.09	2.29
Ice Milk	4,600,000	1,215,000	0.17	0.36
Sherbet & Water Ices	4,400,000	1,162,000	0.17	0.36
Other (Napolitan)	6,100,000	1,611,000	0.22	0.47
Total	44,000,000	11,623,000	1.65	3.48
	(Liters)		(Liters)	
Ice Cream	218,254,000	57,663,000	15.52	32.77
Milk Ices 1/	34,486,000	9,111,000	2.45	5.18
Water Ices	16,942,000	4,476,000	1.21	2.54
Other Frozen Products	10,401,000	2,748,000	0.74	1.56
Total	280,083,000	73,998,000	19.92	42.05
	(Liters)		(Liters)	
Ice Cream	42,800,000	11,308,000	5.7	12.11
	(Metric Tons)		(Kilograms)	
Ice Cream	250	122,500	-	-
Water Ices	6,000	2,940,000	0.07	0.27
Total	6,250	3,062,500	0.07	0.27
	(Liters)		(Liters)	
Ice Cream (Over 9% Fat)	47,261,000	12,486,000	4.80	10.13
Ice Cream (7% to 9% Fat)	2,419,000	639,000	0.25	0.53
Ice Milk	1,131,000	299,000	0.11	0.23
Total	50,811,000	13,424,000	5.16	10.89
	(Liters)		(Liters)	
Ice Cream Sales	67,182,000	17,749,000	0.60	1.27
Water Ice Sales	13,578,000	3,587,000	0.12	0.26
Ice Milk Sales	15,528,000	4,102,000	0.14	0.29
Total	96,298,000	25,438,000	0.86	1.82
	(Liters)		(Liters)	
Ice Cream	294,790,000	77,884,000	12.76	26.94
Freezer-made Milkshake 2/	14,237,000	3,761,000	0.62	1.30
Ice Milk	12,147,000	3,209,000	0.52	1.11
Sherbet	3,664,000	968,000	0.16	0.34
Water Ices	12,744,000	3,367,000	0.55	1.16
Total	337,582,000	89,189,000	14.61	30.85
	(Liters)		(Liters)	
Ice Cream	32,000,000	8,454,000	2.92	6.17
Water Ices	36,000,000	9,511,000	3.28	6.94
Total	68,000,000	17,965,000	6.20	13.11
	(Metric Tons)		(Kilograms)	
Ice Cream	10,370	5,081,000	0.39	1.54
Ice Cream		1,390,000		5.50
Sherbet		363,000		1.44
Water Ices		557,000		2.21
Total		2,310,000		9.15
	(Liters)		(Liters)	
Ice Cream	38,793,000	10,249,000	7.60	16.06
Water Ices	3,700,000	977,500	0.73	1.53
Total	42,493,000	11,226,500	8.33	17.59

Country and Product	ANNUAL PRODUCTION In Reported Units	Converted to U.S. Gallons	PER CAPITA PRODUCTION In Reported Units	Converted to U. S. Pints
	(Kilograms)		(Kilograms)	
Ice Cream	3,758,190	1,841,400	0.73	2.86
	(Kilograms)		(Kilograms)	
Ice Cream	4,500,000	2,205,000	0.63	2.47
Ice Milk	1,500,000	735,000	0.21	0.82
Sherbet & Water Ices	2,000,000	735,000	0.28	0.82
Total	8,000,000	3,675,000	1.12	4.11
	(Metric Tons)		(Kilograms)	
Ice Cream	5,000	2,450,000	0.12	0.41
Ice Milk	15,000	7,350,000	0.37	1.44
Sherbet	5,000	2,450,000	0.12	0.35
Total	25,000	12,250,000	0.61	2.27
	(Liters)		(Liters)	
Ice Cream	1,293,000	342,000	0.30	0.66
Ice Cream Sticks, etc.	6,255,000	1,653,000	1.47	3.10
Total	7,548,000	1,995,000	1.77	3.74
	(Liters)		(Liters)	
Ice Cream 3/	35,600,000	9,406,000	7.67	16.22
	(Liters)		(Liters)	
Ice Cream:				
Industrial Production	150,469,000	39,754,000	2.82	5.95
Other Production	82,531,000	21,804,000	1.55	3.27
Total	233,000,000	61,558,000	4.37	9.22
	(Liters)		(Liters)	
Ice Cream	218,931,000	57,842,000	3.57	7.56
Ice Milk	63,370,000	16,742,000	1.03	2.17
Sherbet & Water Ices	29,698,000	7,846,000	0.49	1.02
Total Industrial Production	311,999,000	82,430,000	5.09	10.75
Small Establishments	78,000,000	20,608,000	1.27	2.69
Total	389,999,000	103,038,000	6.36	13.44
Ice Cream		12,850,000		10.98
	(Imperial Gals.)		(Imperial Pts.)	
Ice Cream & Ice Milk	124,800	150,000	9.98	11.99
Ice Cream		1,368,000		1.85
Novelties & Sherbet		2,191,000		2.96
Total		3,559,000		4.81
Ice Cream		4,536,000		7.72
Sherbet		73,000		0.13
Water Ices		892,500		1.52
Total		5,501,500		9.37
	(Liters)		(Liters)	
Ice Cream	993,262	262,400	4.79	9.95
Ice Milk	5,180	1,400	0.02	0.05
Ice Milk Mixtures	217,757	57,500	1.05	2.18
Total	1,216,199	321,300	5.76	12.18
	(Metric Tons)		(Kilograms)	
Ice Cream	230,700	112,700,000	0.35	1.37

Country and Product	ANNUAL PRODUCTION In Reported Units	Converted to U.S. Gallons	PER CAPITA PRODUCTION In Reported Units	Converted to U. S. Pints
	(Liters)		(Liters)	
Ice Cream	2,118,000	560,000	0.02	0.03
	(Metric Tons)		(Kilograms)	
Ice Cream	10,615	5,201,000	0.28	1.09
	(Imperial Gals)		(Imperial Pts.)	
Ice Cream	5,018,000	6,027,000	13.08	15.71
Milk Ices	295,000	354,000	0.77	0.92
Sherbet	210,000	252,000	0.55	0.66
Total	5,523,000	6,633,000	14.40	17.29
	(Metric Tons)		(Kilograms)	
Ice Cream & Related Products:				
Industrial Production	106,500	52,185,000	1.86	7.28
Small Firms	55,500	27,195,000	0.97	3.80
Total	162,000	79,380,000	2.83	11.08
	(Liters)		(Liters)	
Ice Cream 4/	138,000	36,460	0.02	0.03
Sherbet 4/	50,000	13,210	0.01	0.02
Total	188,000	49,670	0.03	0.05
	(Liters)		(Liters)	
Ice Cream	101,600,000	26,842,000	0.88	1.86
Ice Milk	32,500,000	8,587,000	0.28	0.59
Imitation Ice Cream	210,000,000	55,482,000	1.81	3.82
Sherbet & Water Ices	286,100,000	75,588,000	2.46	5.20
Total	630,200,000	166,499,000	5.43	11.46
	(Metric Tons)		(Kilograms)	
Ice Cream	55,600	27,244,000	1.48	5.70
Dairy Ice Cream		350,000		1.05
Other Ice Cream		10,000		0.03
Water Ices		500,000		1.50
Arabic Ice Cream		200,000		0.60
Sherbet		300,000		0.90
Total		1,360,000		4.08
	(Liters)		(Liters)	
Ice Cream 4/	149,448	39,484	0.09	0.18
	(Liters)		(Liters)	
Ice Cream	2,168,000	572,786	0.21	0.45
Bars & Popsicles	2,236,000	590,751	0.22	0.47
Total	4,404,000	1,163,537	0.43	0.92
	(Liters)		(Liters)	
Ice Cream	70,000,000	18,494,000	1.01	2.13
Sherbet & Water Ices	10,250,000	2,708,000	0.15	0.31
Total	80,250,000	21,202,000	1.16	2.44
	(Imperial Gals.)		(Imperial Pts.)	
Ice Cream	21,000	25,300	8.43	10.12
	(Liters)		(Liters)	
Ice Cream & Related Products	5,000,000	1,321,000	0.27	0.58
	(Metric Tons)		(Kilograms)	
Ice Cream	1,000	490,000	0.08	0.32

Year	Ice Cream			Freezer-made Milkshake 2/	Ice Milk	Sherbet	Water Ices
	Total	Hard	Soft				
				(Thousand Liters) 3/			
1971	272,439	254,591	17,848	10,826	7,901	3,519	12,847
1972	276,917	258,851	18,066	9,369	13,674	3,701	13,588
1973	275,175	256,954	18,221	10,304	13,879	3,914	15,402
1974	277,744	259,164	18,580	12,003	11,429	3,841	11,583
1975	287,232	266,515	20,717	11,820	12,675	3,337	12,602
1976	279,571	258,850	20,721	13,219	14,084	3,578	11,665
1977	291,173	269,637	21,536	15,364	15,219	3,122	11,398
1978	271,429	250,183	21,246	14,718	15,158	3,528	11,786
1979	294,790	277,090	17,700	14,237	12,147	3,664	12,744

1/ Excludes production in Newfoundland and Prince Edward Island.

2/ Freezer-made milkshake derived by applying 40% overrun to milkshake mix.

3/ One U. S. quart equivalent to .946 liter.

Prepared by the International Association of Ice Cream Manufacturers from data released by Statistics Canada.

Month	Ice Cream Total	Ice Cream Hard	Ice Cream Soft	Freezer-made Milkshake 2/	Ice Milk	Sherbet	Water Ices
				(Thousand Liters) 3/			
January	16,545	16,049	496	717	669	262	336
February	16,972	16,465	507	729	677	245	508
March	24,218	23,135	1,083	1,046	1,022	255	1,180
April	24,194	22,862	1,332	1,158	1,349	343	1,372
May	30,368	28,334	2,034	1,455	1,269	424	2,306
June	34,340	31,422	2,918	1,725	1,502	461	2,317
July	34,641	30,845	3,796	1,537	1,519	367	1,784
August	32,564	29,998	2,566	1,665	1,564	332	1,510
September	23,565	22,326	1,239	1,193	1,078	267	568
October	20,382	19,704	678	1,068	529	315	439
November	18,757	18,183	574	1,016	572	220	242
December	18,244	17,767	477	928	397	173	182
YEAR	294,790	277,090	17,700	14,237	12,147	3,664	12,744

1/ Excludes production in Newfoundland and Prince Edward Island.

2/ Freezer-made milkshake derived by applying 40% overrun to milkshake mix.

3/ One U. S. quart equivalent to .946 liter.

Prepared by the International Association of Ice Cream Manufacturers from data released by Statistics Canada.

Province	1965	1970	1975	1977	1978	1979
			(Liters) 1/			
Alberta	16.39	16.06	17.12	16.34	15.54	16.39
British Columbia	13.66	13.26	13.71	14.46	13.95	14.50
Manitoba	13.96	15.41	18.65	18.32	18.24	19.04
New Brunswick	10.63	13.54	14.01	13.17	12.07	11.69
Nova Scotia	13.80	14.97	15.60	12.66	12.37	13.99
Ontario	11.99	12.80	11.22	12.04	9.83	10.39
Prince Edward Island	14.86	18.22	N.A.	N.A.	N.A.	N.A.
Quebec	10.83	12.17	12.46	11.68	11.73	12.57
Saskatchewan	11.32	12.44	12.69	12.31	11.89	11.91
CANADA 2/	12.25	13.13	13.06	12.92	11.93	12.76

1/ One U. S. quart equivalent to .946 liter.

2/ Excludes production and population for Nwwfoundland and Prince Edward Island beginning with 1971.

Prepared by the International Association of Ice Cream Manufacturers from data released by Statistics Canada.

Country and Product	ANNUAL PRODUCTION In Reported Units	ANNUAL PRODUCTION Converted to U.S. Gallons	PER CAPITA PRODUCTION In Reported Units	PER CAPITA PRODUCTION Converted to U. S. Pints
	(Liters)		(Liters)	
Ice Cream:				
Industrial Production	47,914,000	12,659,000	3.42	7.23
Other Commercial Production	32,000,000	8,454,000	2.28	4.83
Total	79,914,000	21,113,000	5.70	12.06
	(Liters)		(Liters)	
Ice Cream	53,489,000	14,132,000	15.96	33.69
Frozen Confections	5,725,000	1,513,000	1.71	3.61
Total	59,214,000	15,645,000	17.67	37.30
	(Liters)		(Liters)	
Ice Cream	2,200,000	581,000	0.03	0.07
	(Liters)		(Liters)	
Ice Cream	31,568,000	8,340,000	7.76	16.39
Soft Ice Cream	1,772,000	468,000	0.43	0.92
Sherbet	1,458,000	385,000	0.36	0.76
Total	34,798,000	9,193,000	8.55	18.07
	(Metric Tons)		(Kilograms)	
Ice Cream	20,000	9,800,000	0.26	1.02
Ice Milk	7,300	3,577,000	0.09	0.37
Sherbet	8,000	2,940,000	0.10	0.31
Total	35,300	16,317,000	0.45	1.70
	(Kilograms)		(Kilograms)	
Ice Cream & Ice Milk	6,979,000	3,419,700	0.43	1.67
Ice Cream 3/		3,940,000		0.74
	(Metric Tons)		(Kilograms)	
Ice Cream	44,500	21,805,000	1.27	4.98
	(Metric Tons)		(Kilograms)	
Ice Cream	5,107	2,502,400	0.51	2.01
	(Liters)		(Liters)	
Ice Cream	12,000,000	3,170,000	0.43	0.90
Ice Milk	2,300,000	608,000	0.08	0.17
Sherbet	34,400,000	9,088,000	1.22	2.59
Others	8,800,000	2,325,000	0.31	0.66
Total	57,500,000	15,191,000	2.04	4.32
	(Metric Tons)		(Kilograms)	
Ice Cream 5/	23,096	11,317,000	0.62	2.44
Ice Milk & Milk Base Beverages 5/	46,852	22,958,000	1.26	4.95
Total	69,948	34,275,000	1.88	7.39
	(Liters)		(Liters)	
Ice Cream	83,500,000	22,061,000	9.84	20.77
Water Ices	3,860,000	1,020,000	0.46	0.96
Ice Cream Mixes 6/	8,820,000	2,330,000	1.04	2.19
Total	96,180,000	25,411,000	11.34	23.92
	(Liters)		(Liters)	
Ice Cream & Related Products	41,566,000	10,982,000	6.59	13.93
Ice Cream		4,451,627		2.04
Ice Cream Sticks & Novelties		2,045,847		0.93
Total		6,497,474		2.97

Country & Product	ANNUAL PRODUCTION In Reported Units	Converted to U.S. Gallons	PER CAPITA PRODUCTION In Reported Units	Converted to U. S. Pints
	(Liters)		(Liters)	
Ice Cream & Related Products	39,200,000	10,357,000	0.89	1.88
	(Liters)		(Liters)	
Dairy Ice Cream	21,593,000	5,705,000	0.39	0.82
Other	170,002,000	44,915,000	3.05	6.45
Total Ice Cream 3/	191,595,000	50,620,000	3.44	7.27
Water Ices	15,246,000	4,028,000	0.27	0.58
Total	206,841,000	54,648,000	3.71	7.85
	(Kilograms)		(Kilograms)	
Ice Cream & Sherbet	2,600,000	1,274,000	0.93	3.63
	(Metric Tons)		(Kilograms)	
Ice Cream	161,683	79,225,000	0.61	2.40
	(Liters)		(Liters)	
Ice Cream	5,718,535	1,510,837	0.40	0.84
Ice Milk	25,078,290	6,625,694	1.75	3.70
Sherbet & Water Ices	6,396,793	1,822,133	0.48	1.02
Total	37,693,618	9,958,654	2.63	5.56
	(Metric Tons)		(Kilograms)	
Ice Cream:				
Industrial	9,900	4,851,000	0.45	1.75
Small Establishments	2,500	1,225,000	0.11	0.44
Total	12,400	6,076,000	0.56	2.19

1/ Includes aerated milk-based confections and milk-based mixes for soft serves and thick shakes
2/ Freezer-made milkshake derived by applying 40% overrun to milkshake mix.
3/ Does not include production by small establishments.
4/ Includes imported ice cream and sherbet.
5/ Production by establishments processing over one million liters of milk per year.
6/ Converted into ready-made soft ice cream.

1 Liter = .2642 U. S. Gallons
= 2.1114 U. S. Pints

1 U. S. Gallon of Ice Cream or Ice Milk = 4.5 pounds
1 U. S. Gallon of Sherbet or Water Ices = 6.0 pounds

1 Kilogram = 2.205 pounds
= .4900 U. S. Gallons of Ice Cream or Ice Milk
= .3675 U. S. Gallons of Sherbet or Water Ices
= 3.920 U. S. Pints of Ice Cream or Ice Milk
= 2.940 U. S. Pints of Sherbet or Water Ices

1 Metric Ton (1,000 Kilograms) = 2,205 pounds
= 490.0 U. S. Gallons of Ice Cream or Ice Milk
= 367.5 U. S. Gallons of Sherbet or Water Ices

1 Imperial Gallon = 1.201 U. S. Gallons

Prepared by the International Association of Ice Cream Manufacturers from data supplied by Agricultural Attaches of the U. S. Department of Agriculture, or from government or trade statistics.